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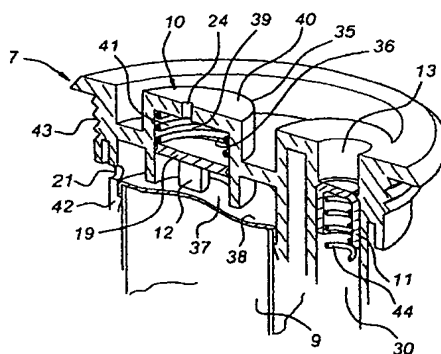
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[Continued on next page]

(54) Title: PRESSURE REGULATOR FOR A CONTAINER FOR A CARBONATED DRINK



(57) Abstract: The invention relates to a container (1) for carbonated drink provided with a chamber (2) containing the drink, a drink dispensing opening (13) for drink from the chamber, a pressure medium chamber which pressure medium chamber (9) has an outlet (21) that is closed by a valve for delivering pressure medium and a pressure regulating element (10) connected to the valve for operating the valve, wherein the pressure regulating element has a housing (35) with an end wall (40), a peripheral wall (36) and a piston (19) that can be moved in the housing along the peripheral wall in a sealed manner, wherein an upper housing part (39) is formed between a side of the piston that faces the end wall and a lower housing part (37) that at least partially surround the valve, is formed at the side of the piston facing away from the end wall, wherein the piston engages on the delivery valve and wherein the upper housing part of the housing is in fluid communication with a reference pressure source.

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# INTERNATIONAL SEARCH REPORT

Inte al Application No  
PCT/NL2004/000513

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B67D1/04 B67D1/12 B67D1/08

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B67D F16K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 402 429 A (VANDEN DRIESSCHE JEAN R) 6 September 1983 (1983-09-06)  column 1, line 57 - line 65 column 2, line 39 - line 65; figures 1-5	1-5, 8-11,13, 14,16,17
X	US 3 024 800 A (CRISP LEWIS ERIC) 13 March 1962 (1962-03-13) column 4, line 41 - line 69; figures 3,4	1-3,10, 13,14
X	PATENT ABSTRACTS OF JAPAN vol. 018, no. 090 (M-1560), 15 February 1994 (1994-02-15) & JP 05 296397 A (NIPPON TANSAN GAS CO LTD), 9 November 1993 (1993-11-09)	13,14
A	abstract  ----- -/-	1,7,16

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

12 January 2005

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Name and mailing address of the ISA

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Form PCT/ISA/210 (continuation of second sheet) (January 2004)

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/NL2004/000513

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

As a result of the prior review under R. 40.2(e) PCT,  
no additional fees are to be refunded.

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

☒ The additional search fees were accompanied by the applicant's protest.

☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-6,8-11,13,14,16-18

Container wherein the chamber is provided with an activating member.

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2. claim: 7

Container wherein the upper housing part comprises a cylindrical wall with screw thread and a cap comprising complementary screw thread.

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3. claims: 12,15

Container comprising a dispensing line wherein the drink dispensing opening is located at a distance from the centre line of the chamber.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/NL2004/000513

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